

Table 1
Mass

Instrument Code	Instrument Type	Mass Range kg ^{1/}	Uncertainty Component % rel., k=1		ITV (% rel., k=1)
			u(r)	u(s)	
EBAL	Electronic balance	0 to 20	0.02	0.02	0.03
LCBS	Platform load cell ^{2/}	0 to 15000	0.05	0.05	0.07
	Crane-mounted load cell ^{3/}	1000 to 15000	0.05	0.05	0.07
GYRO	Gyroscopic scale	1000 to 5000	0.02	0.02	0.03
		6000 to 15000	0.01	0.01	0.01

1/ The assumption is that the range of the scale is chosen based on the approximate mass of the item being measured such that the gross mass is within 50 % to 100 % of the full range of the scale.

2/ The platform load cell performance can vary with the number of load cells contained in the weighing equipment.

3/ The crane mounted load cell uncertainties can be increased by a factor of two if being used outdoors.